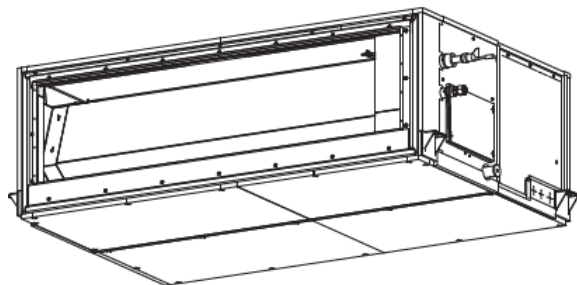


SMMS-e / SHRM-e VRF Indoor Unit MMD-UP0481HFP-UL—Outside Air Unit

TOSHIBA
Carrier

Submittal Data

Job Name _____ Location _____
Tag _____



STANDARD FEATURES

- R-410A Refrigerant
- Four sizes from 48,000 to 120,000 Btu/h
- Rear return
- 208/230 V PSC (Permanent Split Capacitor) motor
- Five-year parts limited warranty

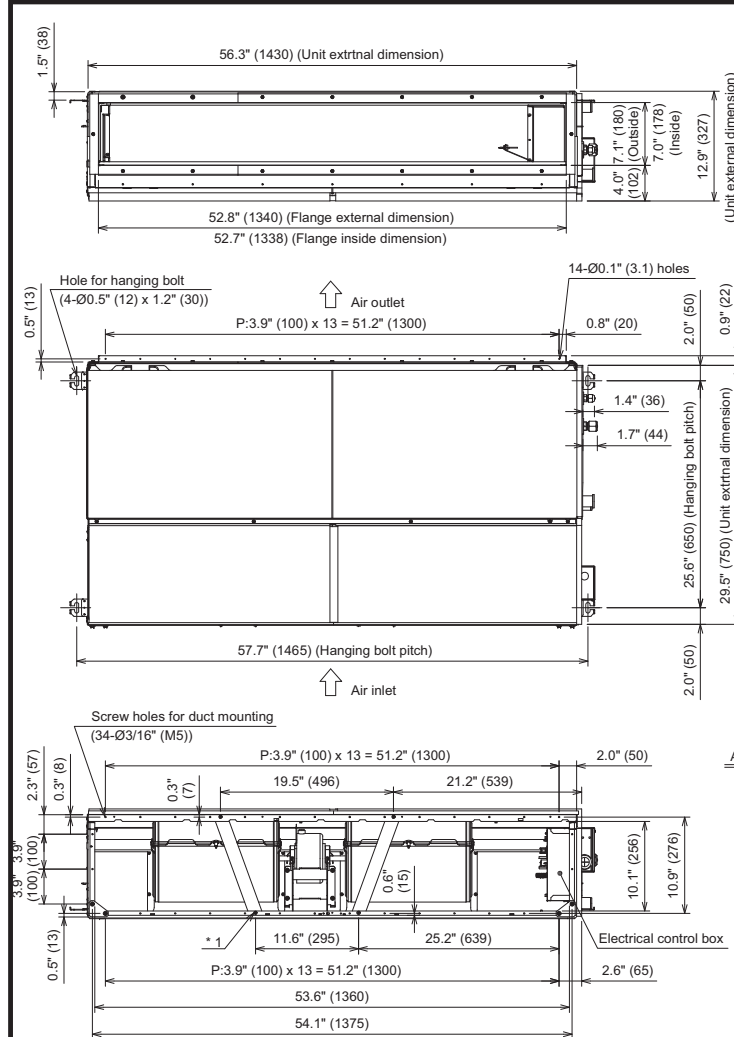
INDOOR UNIT MODEL		MMD-UP0481HFPUL	
PERFORMANCE			
Cooling Rated Capacity	Btu/h	48,000	
Heating Rated Capacity	Btu/h	30,000	
Fan Type (Qty)		Centrifugal	
Standard Airflow (HH/H/M/L/LL)	CFM	635/580/545/495/445	
Sound Pressure (HH/H/M/L/LL)	dBA	38/37/35/32/31	
External Static Pressure (ESP)	in. WG	0.4 (Factory Default)	
	in. WG	0.8 (Max.)	
ELECTRICAL			
Power Supply	V/Ph/Hz	208-230/1/60	
Power Consumption	kW	0.11	
Full Load Amps (FLA)	A	1.42	
Minimum Circuit Amps (MCA)	A	1.77	
Maximum Overcurrent Protection	A	15.0	

MOTOR		
Motor Watts	W	350
PHYSICAL DATA		
Pipe Connection Size - Liquid	in.	3/8 (OD)
Pipe Connection Size - Suction	in.	5/8 (OD)
Pipe Connection Size - Drain	in.	1-1/4 (OD)
Refrigerant	R-410A	
Unit Width	in.	56-1/4
Unit Height	in.	12-7/8
Unit Depth	in.	29-1/2
Net Weight	lb	97

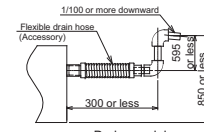
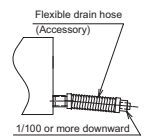
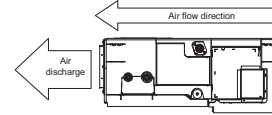
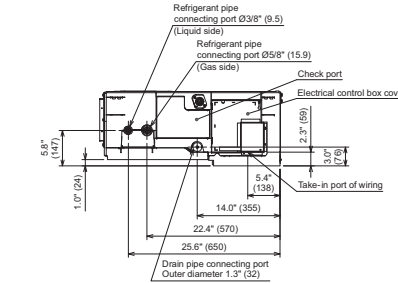
ACCESSORIES

- ☐ Wired Remote Controller (7-Day Programmable) - RBC-AMS54E-UL
- ☐ Simple Wired Remote Control - RBC-AS41UL
- ☐ Stand Alone Receiver with Wireless Remote TCB-AX32UL
- ☐ Remote Sensor TCB-TC41LUL
- ☐ Wired Remote Controller - RBC-AMT32UL

DIMENSIONAL DRAWING OUTSIDE AIR UNIT – MMD-UP0481HFP-UL

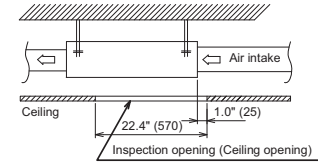
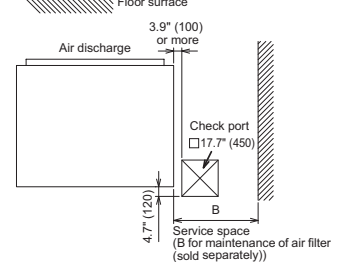
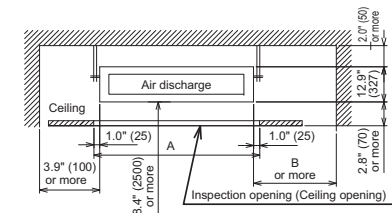


※ 1) When attached the duct at air inlet, make holes in the duct and do not interfere in it. The screw head (4 places) is convex.



At the time of natural drainage

When attached the drain pump kit (Sold separately)



Model MMD-	A	B
UP0481HFP	57.1\" (1450)	27.6\" (700)

<Installation notice>

- Be sure to install an inspection port to the right of the air discharge. (17.7\" x 17.7\")(450×450mm)
- The drain pipe and drain hose must be sloping downward (at an angle of 1/100 or more).
Be sure to apply the heat insulator to the piping part connecting with the indoor unit.
Incomplete heat insulation may cause a dew.
- Be sure to perform a drainage test to check that the water drains safely.
- Do not install this indoor unit in the salty place (seaside area) or place with much gas sulfide (hot spring area).
- The air filter is not built into outside air unit
- Remove dust coming from outside air by installing optional Filter Chamber, Long Life Filter, and High Efficiency Filter.
If the air filter is not installed into the unit, dust will clog in the heat exchanger, which may cause the air conditioner to fail or to leak.
- Use the canvas duct at air inlet port and air supply port so that vibration or abnormal resonance sound from the unit does not propagate to the duct or wall and the main unit can be easily disassembled in service time.
- The heat insulator is applied to the main body surface of the indoor unit. 0.6\" (15mm)
- Be sure to install the outside air inlet with its opening pointing downward to prevent rainwater from entering. and install a metal mesh into the opening so that leaves and birds do not enter in the duct.
- Be sure to apply the heat insulator to the outside air intake duct to prevent dewing.
When outside air is inhaled for heating, cold air enters into the duct, causing a dew on the surface of the duct.

(Unit: in (mm))

